

AGENDA



Recommendation for Council Action

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| Austin City Council | Item ID | 18521 | Agenda Number | 2. |
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| Meeting Date: | 9/27/2012 | Department: | Austin Energy |
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Subject

Approve the issuance of a Letter of Intent for a Performance Based Incentive to Abercorn International School for the generation of solar energy at its facility located at 601 Ranch Road 620 South, Lakeway, Texas, for an estimated \$20,400 per year with the total amount not to exceed \$234,500 over a 10-year period.

Amount and Source of Funding

Funding in the amount of \$20,400 is included in the Fiscal Year 2012-2013 Operating Budget of Austin Energy. Funding for remaining years of the contract is contingent upon available funding in future budgets.

Fiscal Note

There is no unanticipated fiscal impact. A fiscal note is not required.

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| Purchasing Language: | |
| Prior Council Action: | |
| For More Information: | Leslie Libby, Solar Program Manager, 482-5390; Scott Jarman, Interim Director of Energy Efficiency Services, 482-5307. |
| Boards and Commission Action: | Recommended by the Electric Utility Commission and the Resource Management Commission. |
| MBE / WBE: | |
| Related Items: | |

Additional Backup Information

Austin Energy requests authorization to issue a letter of intent for a performance based incentive (PBI) to Abercorn International School, for an estimated \$20,400 per year, not to exceed \$234,500 over a 10-year period for the generation of solar energy at 601 Ranch Road 620 South, Lakeway, Texas 78734. The incentive will cover between 36% and 43% of the cost of the energy improvements. The PBI level for this project is \$0.14 per kWh for 10 years. The solar equipment, which meets Austin Energy program requirements, includes a total of 468 solar modules rated at 245 watts and associated inverters rated at 96% efficiency. A total of 88.3 kW in demand savings is expected.

This energy improvement will save an estimated 145,640 kWh per year—enough to provide electricity to 13 average Austin homes for a year—and produce an estimated 146 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 2,247 trees or 112 acres of forest in Austin's parks or the removal of 196,349 vehicle miles or 17 cars from Austin roadways. This project will save 96 tons of Carbon Dioxide (CO₂); 122 pounds of Sulfur Dioxide (SO₂); 134 pounds of Nitrogen Oxide (NO_x), and 93 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.